



# BERJAYA DOCKYARD SDN BHD

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## TOPAZ MAMLAKA | 61.80M AHTS DP-2

### PRINCIPAL PARTICULARS

Built	: 2013
IMO Number	: 9695717
Length Waterline	: 61.80m
Depth/Draft/Beam	: 6.50m/4.50m/16.50m
Accommodation	: 42 men (22 crew & 20 sp)
Classification	: American Bureau of Shipping

### CARGO CAPACITY

Bollard Pull	: 60 tons
Fuel Oil Capacity	: Approx. 525m <sup>3</sup>
Fresh Water	: Approx. 420m <sup>3</sup>
Base Oil	: Approx. 125m <sup>3</sup>
Liquid Mud (S.G = 2.5)	: Approx. 398m <sup>3</sup>
Dry Bulk Cargo (4 nos)	: Approx. 160m <sup>3</sup>
Water Ballast / Drill Water	: Approx. 545m <sup>3</sup>

### DECK EQUIPMENTS

Anchor Windlass / Mooring Winch	: 12 tons at 12m/min
Vertical Capstan	: 2 x 5 tons at 15m/min
Towing Winch	: 150 tons at 2.5m/min (225 tons brake hold)
Tugger Winch	: 2 x 10 tons at 10m/min
Shark Jaw / Towing Pins	: 300 tons
Stern Roller	: SWL 250 tons line pull
Davit Crane cum Provision Crane	: 6 person rigid rescue boat with 40hp outboard motor

### MACHINERY/PROPULSION

Main Engine	: 2 x 2610PS at 750rpm
Main Generator	: 3 x 450kW at 1500rpm 415V/3phase/50hz
Shaft Generator	: 2 x 1100kW at 1500rpm PTO from main engines
Emergency Generator	: 1 x 136kW at 1500rpm
Bow Thruster	: 2 x 670kW (10 tons) CPP
Azimuth Thruster	: 2 x 4 blades CPP
FIFI System	: 2 x 1800m <sup>3</sup> PTO from main engines

### NAVIGATION/COMMUNICATION EQUIPMENTS

GMDSS	: 1 x Furuno brand (Areas A3)
VHF Transceiver	: 2 x Furuno FM-89000s
Portable VHF Radio	: 3 x McMurdo R5
Navtex Receiver	: 1 x Furuno NX-700B
Sound Power	: 8 x Vingtor VSP
Telephone	
Echo Sounder	: 1 x Furuno FE-700
GPS Navigator	: 1 x Furuno GP-150
Autopilot	: 1 x Anschutz NP60
SART	: 2 x McMurdo S4
Radar	: 2 x Furuno FAR-2117-D
Speed Log	: 1 x Furuno DS-80
EPIRB	: 1 x McMurdo E5
AIS	: 1 x Furuno FA-150
Magnetic Compass	: 1 x Lilley & Gilley MK2000
Gyro Compass	: 3 x Anschutz Standard 22
Anemometer and Anemoscope	: 3 x Kongsberg WindObserver II
VHF Radio	: 2 x Simrad RS10U
BNWAS	: 1 x AMI BN150
DPS	: 1 x Kongsberg DP2

Particulars given herein are without warranty as to accuracy and interested parties must satisfy themselves by inspection or other means of detail of the vessel.

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